

03560.003350.



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
HIROKAZU NEGISHI, ET AL. )  
Application No.: 10/662,360 )  
Filed: September 16, 2003 )  
For: SPEAKER SYSTEM ) Date: October 24, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed below and on the enclosed Form PTO-1449.

- (1) U.S. 5,054,080
- (2) U.S. 4,870,690
- (3) U.S. 5,144,670
- (4) U.S. 6,384,550
- (5) U.S. 1,904,156
- (6) U.S. 2,442,565
  
- (7) Japan 7-32518
- (8) Japan 2634402
- (9) Japan 8-79896
- (10) Japan 6-51787

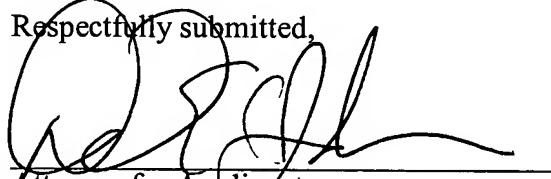
Reference (4) is an English-language counterpart to Reference (8).

References (7) and (8) are mentioned at page 4 of the specification; Reference (9) is mentioned at pages 9 and 10 of the specification; and Reference (10) is mentioned at page 25 of the specification. These references may be deemed pertinent for the reasons noted therein. Copies of References (7) to (10), as well as their corresponding

English-language abstracts, are enclosed.

Inasmuch as the subject application has not yet received a first Office Action, it is believed that this Information Disclosure Statement is timely. See 37 C.F.R. § 1.97(b)(3). Accordingly, the Examiner is urged to study this information in its entirety and to form an independent determination of the materiality of the information to the claimed invention. Additionally, the Examiner is requested to indicate that this information has been considered by initialing the appropriate portion of Form PTO-1449.

Applicants' undersigned attorney may be reached in our Costa Mesa office by telephone at (714) 540-8700. All correspondence should continue to be directed to our address given below.

Respectfully submitted,  
  
\_\_\_\_\_  
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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
LIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

OCT 27 2003

APPLICANT  
HIROKAZU NEGISHI, ET AL.FILING DATE  
September 16, 2003GROUP  
N.Y.A.

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,054,080	10/91	Julia, et al.	381	165	
	4,870,690	9/89	Negishi, et al.	381	103	
	5,144,670	9/92	Negishi	381	24	
	6,384,550	5/02	Miyakawa, et al.	318	116	
	1,904,156	4/33	Mallina			
	2,442,565	6/48	Homrighous	315	13	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	7-32518		Japan			Abstract
	2634402		Japan			Abstract
	8-79896		Japan			Abstract
	6-51787		Japan			Abstract

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1